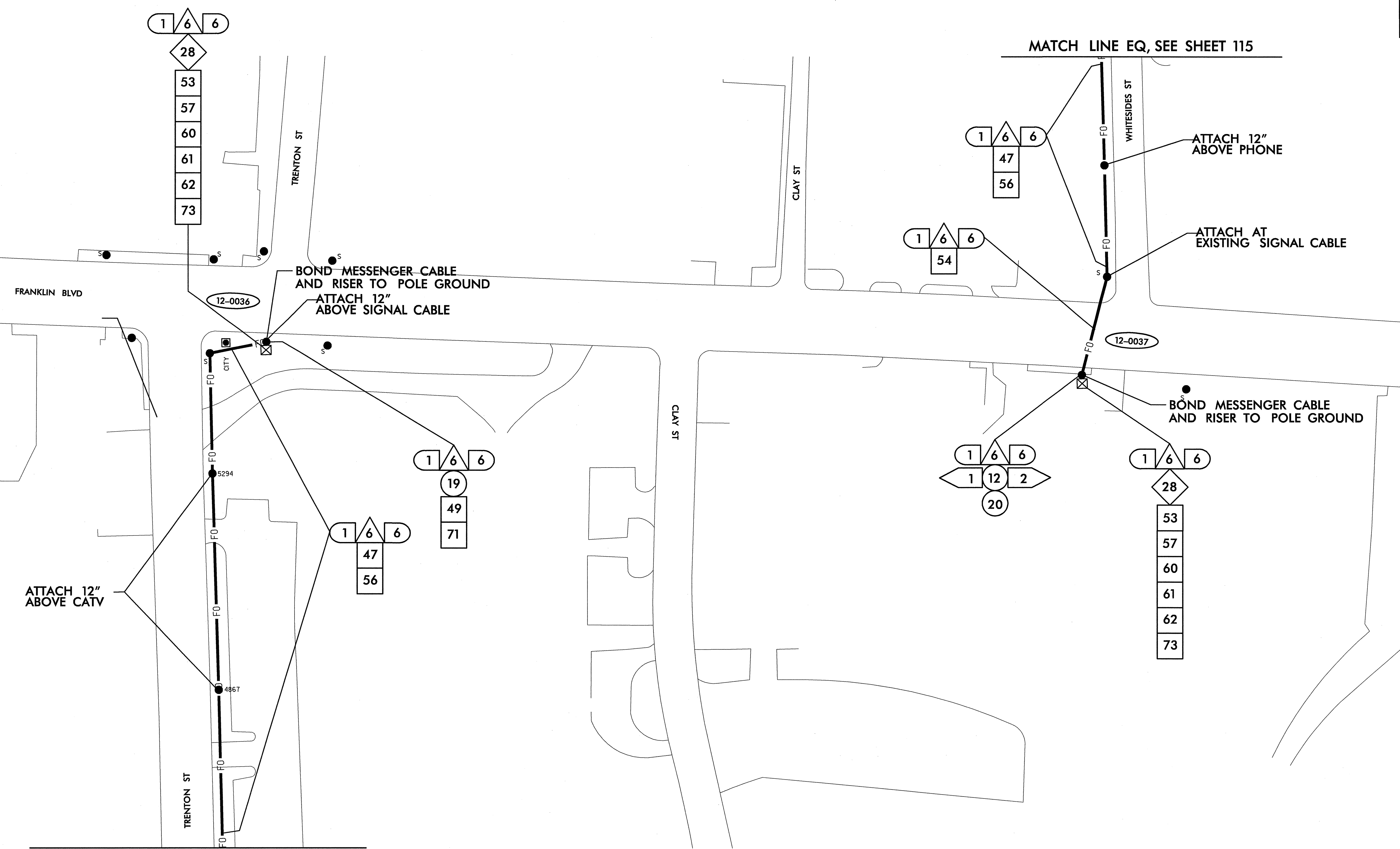


MATCH LINE X, SEE SHEET 33



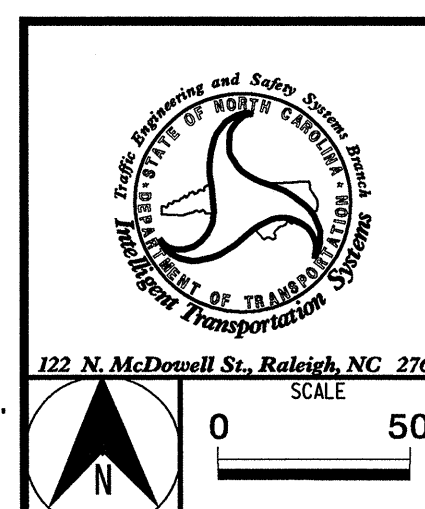
MATCH LINE Y, SEE SHEET 24

- | | | | | |
|--|---|---|--|--|
| <ul style="list-style-type: none"> ▲ INSTALL REA, PE - 22, SHIELDED, TWISTED PAIR COMMUNICATIONS CABLE ▲ INSTALL REA, PE - 38, (FIGURE - 8) SHIELDED, TWISTED PAIR COMMUNICATIONS CABLE ▲ INSTALL REA, PE - 39, (UNDERGROUND) SHIELDED, TWISTED PAIR COMMUNICATIONS CABLE ▲ INSTALL SMFO CABLE ▲ INSTALL GASTONIA ELECTRIC CABLE ▲ INSTALL MMFO CABLE ▲ INSTALL FIBER OPTIC DROP CABLE ▲ INSTALL TRACER WIRE ▲ TRENCH ▲ INSTALL PVC CONDUIT ▲ INSTALL RIGID, GALVANIZED STEEL CONDUIT ▲ INSTALL RIGID, GALVANIZED STEEL RISER WITH WEATHERHEAD ▲ INSTALL RIGID, GALVANIZED STEEL RISER WITH HEAT SHRINK TUBING ▲ INSTALL OUTER-DUCT POLYETHYLENE CONDUIT ▲ INSTALL POLYETHYLENE CONDUIT ▲ DIRECTIONAL DRILL CONDUIT ▲ BORE AND JACK CONDUIT | <ul style="list-style-type: none"> ①⑦ INSTALL CABLE(S) IN EXISTING CONDUIT ①⑧ INSTALL CABLE(S) IN NEW CONDUIT ①⑨ INSTALL CABLE(S) IN EXISTING RISER ②⑦ INSTALL CABLE(S) IN NEW RISER ②① INSTALL CABLE(S) IN EXISTING CONDUIT STUBOUTS ②② INSTALL NEW CONDUIT INTO EXISTING CABINET BASE (USE EXISTING CONDUIT STUB-OUTS WHEN AVAILABLE) ②③ INSTALL NEW RISER INTO EXISTING CABINET BASE (USE EXISTING CONDUIT STUB-OUTS WHEN AVAILABLE) ②④ INSTALL NEW CONDUIT INTO EXISTING POLE MOUNTED CABINET ②⑤ INSTALL NEW RISER INTO EXISTING POLE MOUNTED CABINET ②⑥ TERMINATE COMMUNICATIONS CABLE ON EXISTING TELEMETRY INTERFACE PANEL IN TRAFFIC SIGNAL CONTROLLER CABINET ②⑦ INSTALL NEW TELEMETRY INTERFACE PANEL IN TRAFFIC SIGNAL CONTROLLER CABINET ②⑧ INSTALL INTERCONNECT CENTER, PATCH PANEL, JUMPERS, AND FUSION SPICE CABLE IN CABINET ②⑨ INSTALL UNDERGROUND SPICE ENCLOSURE ③① INSTALL AERIAL SPICE ENCLOSURE ③② INSTALL POLE MOUNTED SPICE CABINET ③③ INSTALL BASE MOUNTED SPICE CABINET ③④ REMOVE EXISTING SPICE CABINET | <ul style="list-style-type: none"> ③④ INSTALL CABINET FOUNDATION ③⑤ REMOVE EXISTING CABINET FOUNDATION ③⑥ INSTALL CCTV CAMERA ASSEMBLY ③⑦ INSTALL CCTV CAMERA WOOD POLE ③⑧ INSTALL CCTV CAMERA METAL POLE AND FOUNDATION ③⑨ INSTALL JUNCTION BOX ④① INSTALL OVERSIZED JUNCTION BOX ④② REMOVE EXISTING JUNCTION BOX ④③ INSTALL WOOD POLE ④④ REMOVE EXISTING WOOD POLE ④⑤ INSTALL AERIAL GUY ASSEMBLY ④⑥ INSTALL STANDARD GUY ASSEMBLY ④⑦ INSTALL SIDEWALK GUY ASSEMBLY ④⑧ INSTALL MESSENGER CABLE ④⑨ REMOVE EXISTING COMMUNICATIONS CABLE AND MESSENGER CABLE ⑤① REMOVE EXISTING COMMUNICATIONS CABLE ⑤② INSTALL TELEPHONE SERVICE ⑤③ INSTALL CABLE STORAGE RACKS (SNOW SHOES) AND STORE 100 FEET OF SIGNAL SYSTEM CABLE | <ul style="list-style-type: none"> ⑤④ INSTALL CABLE STORAGE RACKS (SNOW SHOES) AND STORE 500 FEET OF GASTONIA ELECTRIC CABLE ⑤⑤ INSTALL FIBER OPTIC DELINEATOR MARKER ⑤⑥ STORE 20 FEET OF COMMUNICATIONS CABLE ⑤⑦ LASH CABLE(S) TO EXISTING SIGNAL/COMMUNICATIONS CABLE ⑤⑧ LASH CABLE(S) TO EXISTING MESSENGER CABLE ⑤⑨ LASH CABLE(S) TO NEW MESSENGER CABLE ⑤⑩ MODIFY EXISTING ELECTRICAL SERVICE ⑤⑪ INSTALL NEW ELECTRICAL SERVICE ⑤⑫ INSTALL VIDEO OPTIC TRANSMITTER WITH DATA ⑤⑬ INSTALL FIBER OPTIC TRANSCIEVER ⑤⑭ REMOVE EXISTING CONTROLLER AND CABINET ⑤⑮ INSTALL NEW CONTROLLER ⑤⑯ INSTALL SPECIAL JUNCTION BOX ⑤⑰ INSTALL SYSTEM LOOP ⑤⑱ INSTALL SYSTEM LOOP AMPLIFIER ⑥① INSTALL SYSTEM LOOP LEAD-IN CABLE ⑥② MODIFY EXISTING CABINET FOUNDATION | <ul style="list-style-type: none"> ⑥③ INSTALL UNI-DIRECTIONAL YAGI ANTENNA ⑥④ INSTALL OMNI-DIRECTIONAL ANTENNA ⑥⑤ INSTALL RADIO TRANSCIEVER ⑥⑥ REPLACE EXISTING WEATHERHEAD WITH HEAT SHRINK TUBING ⑥⑦ INSTALL NEW 332 BASE MOUNTED CABINET ⑥⑧ INSTALL NEW 336S POLE MOUNTED CABINET ⑥⑨ INSTALL TERMINAL SPICE BOX ⑥⑩ INSTALL GASTONIA ELECTRIC AERIAL SPICE ENCLOSURE ⑥⑪ INSTALL GASTONIA ELECTRIC UNDERGROUND SPICE ENCLOSURE |
|--|---|---|--|--|

ALL NCDOT ATTACHMENT POINTS ARE 40" BELOW POWER, FRONT SIDE OF POLE, UNLESS OTHERWISE NOTED.

PLANS PREPARED IN THE OFFICE OF:

 Kimley-Horn and Associates, Inc.
 P.O. Box 33068
 Raleigh, N.C. 27636-3068
 (919) 677-2000



CITY OF GASTONIA COMPUTERIZED SIGNAL SYSTEM UPGRADE CABLE ROUTING PLAN

DIVISION 12 GASTON COUNTY

PLAN DATE: MAY 26, 2005 REVIEWED BY: I.Z. VANOSDELL

PREPARED BY: J.C. CROSS REVIEWED BY: M.W. DUNZO

REVISIONS	INIT.	DATE

SCALE: 0 50

122 N. McDowell St., Raleigh, NC 27603

SEAL

MARK DUNZO
 ENGINEER
 DATE: 5/21/05
 CAD File Name: ...sht034.dgn

05/26/2005 R:\systems\pro\files\01036097\gastonia\sh034.dgn